

ABSTRACT OF THE DISCLOSURE

The invention relates to a method and a measuring device for determining a characteristic curve of a high frequency transmitter for transmitting a high frequency signal modulated with a modulation signal. A high frequency signal transmitted by the high frequency transmitter is received by a receiving device (16) and samples of a complex value, real baseband signal (MEAS) are generated therefrom. By demodulation of the samples of the real baseband signal (MEAS), a modulation symbol sequence (SYM) is obtained, from which an ideal baseband signal (REF) is simulated as reference signal. The real baseband signal (MEAS) is corrected, a corrected, real baseband signal (MEAS') is generated and the deviations of the samples of the corrected, real baseband signal (MEAS') from the samples of the ideal baseband signal (REF) are evaluated.

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